LISTING OF THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

1 (currently amended): A high-strength hot-rolled steel sheet having ferritic structure strengthen by TiC and/or NbC precipitates and adding no Mg excellent in hole expandability and ductility, consisting essentially of, in terms of a mass%:

C: 0.01 to 0.09%,

Si : 1.2 to 1.5%,

Mn: 0.5 to 3.2%,

Al : 0.003 to 1.5% 0.04%,

P : 0.03% or below,

S : 0.005% or below,

Ti: 0.10 to 0.25%,

Nb: 0.01 to 0.05%, and

at least one of Cu: 0.1 to 1.5% and Ni: 0.1 to 1.0%, and

the balance consisting of iron and unavoidable impurities; and satisfying all of the following formulas <1> to <3>:

$$0.9 \le 48/12 \times C/Ti < 1.7$$
 ... <1>

$$50,227 \times C - 4,479 \times Mn > -9,860$$
 ... <2>

$$811 \times C + 135 \times Mn + 602 \times Ti + 794 \times Nb > 465$$

... <3>, and

having strength of at least 980 N/mm².

2 (currently amended): A high-strength hot-rolled steel sheet having ferritic structure strengthen by TiC and/or NbC precipitates and adding no Mg excellent in hole expandability and ductility, consisting essentially of, in terms of a mass%:

C: 0.01 to 0.09%,

Si : 1.2 to 1.5%,

Mn : 0.5 to 3.2%,

Al: 0.003 to 1.5% 0.04%,

P : 0.03% or below,

S : 0.005% or below,

Ti: 0.10 to 0.25%,

Nb: 0.01 to 0.05%,

at least one of Mo: 0.05 to 0.40% and V:0.001 to 0.10%, and

at least one of Cu: 0.1 to 1.5% and Ni: 0.1 to 1.0%, and the balance

consisting of iron and unavoidable impurities; and satisfying all of the following formulas

<1>' to <3>':

$$0.9 \le 48/12 \times C/Ti < 1.7$$
 ... <1>'
 $50,227 \times C - 4,479 \times (Mn + 0.57 \times Mo + 1.08 \times V) >$
 $-9,860$... <2>'
 $811 \times C + 135 \times (Mn + 0.57 \times Mo + 1.08 \times V) + 602 \times Ti + 794 \times Nb >$
 465 ... <3>', and

having strength of at least 980 N/mm².

Claims 3 to 5: (canceled).

6 (withdrawn): A production method of a high strength hot rolled steel sheet excellent in hole expandability and ductility according to claim 1, comprising the steps of:

finishing hot rolling by setting a rolling end temperature to from an Ar_3 transformation point to 950°C;

cooling a hot rolled steel sheet to 650 to 800°C at a cooling rate of at

air cooling then the steel sheet for 0.5 to 15 seconds;

further cooling the steel sheet to 300 to 600°C at a cooling rate of at

least 20°C/sec; and

least 20°C/sec;

coiling the steel sheet.